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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet _____ of _____

Application Number : 09/934,924

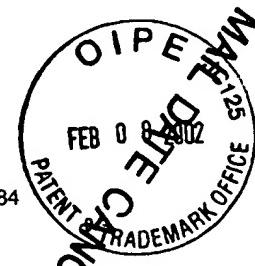
Filing Date: 08/22/2001

First Named Inventor: Beams

Group Art Unit: 2153

Examiner Name: n/a

Attorney Docket Number: 05222.00184



U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
AS		US-4,622,013	11/11/1986	Cherchio
		US- 4,874,784	10/17/1989	Clancey
		US- 4,981,766	01/02/1990	Derr, et al.
		US- 4,931,950	06/05/1990	Isle, et al.
		US- 4,964,077	10/16/1990	Eisen, et al.
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		US- 5,326,270	07/05/1994	Ostby, et al.
		US- 5,359,701	10/25/1994	Chiang, et al.
AS		US- 5,372,507	12/13/1994	Goleh

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FOREIGN PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
AS		EP 0 689 132 A2	12/27/95	Laffra
		EP 0 710 942 A2	05/08/96	Siefert
		EP 0 710 942 A2	05/08/96	Siefert
		EP 0 798 655 A2	10/01/97	Jervis, et al.
		WO 00/04478	01/27/00	Jonsson
		WO 97/44766	11/27/97	Cook
		WO 98/03953	01/29/98	Simmons
		WO 98/25251	06/11/98	Ho
AS		WO 98/32109	07/23/98	De Lange

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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115		"Bridging the Virtual and the Physical: The InterSim as a Collaborative Support Interface," Proc. Of 1997 World Conf. On Artificial Intelligence in Education, pp. 556-58, Dec. 1997	
		"Task-Oriented Learning on the Web"; Innovations in Education and Training International, Vol. 36, No. 1, Feb. 1999	
		"Applications of BrainMaker Neural Network to stocks, business, medical, manufacturing" at www.calsci.com/Applications.html	
		"KBLPS Overview" at www.cgi.com/CGIWEB/KBLPS/overindex4.html	
		"Smartlaw: adapting classic expert system techniques for the legal research domain", ACM pp 133-141	
		"Interactive Multimedia Instructs the Individual," Oct. 1994, Occupational Health & Safety Vol. 63, No. 10, pp. 144-145	
		"Practical methods for automatically generating typed links", ACM Hypertext, pp 31-41	
		"Popular Theory Supporting the Use of Computer Simulation for Experiential Learning," http://www.centurionsys.com/rtcl57.html , Aug. 1997	
		"Technical Report: Computer Aided Education and Training Initiative" at http://advlearn.Irdc.pitt.edu/advlearn/papers/FINALREP.html	
		"FRA: Teaching Financial Accounting with a Goal-Based Scenario," Intelligent Systems in Accounting, Finance and Management, Vol. 4, 1995	
117		"Teaching Real-World Analysis Skills for Goal-Based Scenario," pp. 68-74	

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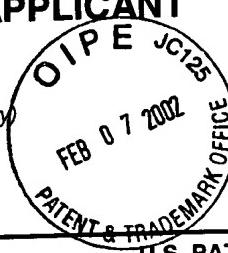
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		Number - Kind Code ² (if known)			
A S		US-5,727,950	03/17/1998	Cook, et al.	
		US-5,745,652	04/28/1998	Bigus	
		US-5,772,446	06/30/1998	Rosen	
		US-5,779,468	07/14/1998	Ho, et al.	
		US-5,788,508	08/04/1998	Lee, et al.	
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Group Art Unit: 2153

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AS		"Artificial Intelligence and Mathematics Education" at http://www.rand.org/hot/mcarthur/Papers/aied.html	
		"The Roles of Artificial Intelligence in Education: Current Progress and Future Prospects" at http://www.nib.unicamp.br/recursos...education/intelligent-tutoring.html	
		"WITS: A Reusable Architecture for a VR-Based ITS" at http://advlearn.lrdc.pitt.edu/its-arch/papers/tam.html	
		"Brainmaker" at www.npiec.on.ca/~echoscan/28-04.htm	
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		Number - Kind Code ² (if known)			
AS		US-5,974,446	10/26/1999	Sonnenreich, et al.	
		US- 5,987,443	11/16/1999	Nichols, et al.	
		US- 6,003,021	12/14/1999	Zadik, et al.	
		US- 6,015,348	01/8/2000	Lambright, et al.	
		US- 6,016,486	01/18/2000	Nichols	
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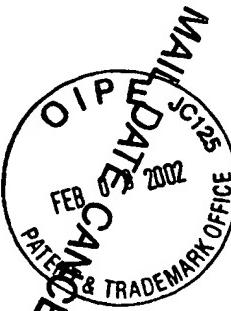
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AS		"A Goal-Centered Architecture for Intelligent Tutoring Systems," Proc. Of 7th World Conf. On Artificial Intelligence in Education, pp. 307-314, Aug. 1995	
		"Smart Avatars in JackMOO," Proceedings of the 1999 IEEE Conference on Virtual Reality, pp. 156-63	
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		"Persistent Issues in the Application of Virtual Environment Systems to Training," August 1996, Proceedings. Third Annual Symposium on Human Interaction with Complex Systems, IEEE, pp. 124-32.	
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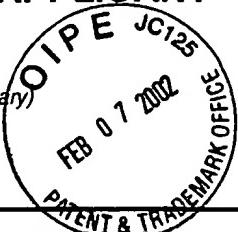
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AS		"Conducting and Supporting a Goal-Based Scenario Learning Environment," Educational Technology, Nov.-Dec. 1994	
		"Interface design issue for advising giving expert systems", Comm. Of the ACM, vol 30, no. 1, pp14-31	
		"An Object-Oriented Architecture for Evolutional Development of Interactive Learning Environment with Coached Problem-Solving," Proc. Of 1997 World Conf. On Artificial Intelligence in Education, pp. 592-94, Dec. 1997	
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		"Socialized Collaborative Learning in Multimedia Virtual Worlds" URL: http://www.iscs.nus.edu.sg/labs/learning/lets/VRML.html ; viewed Feb. 16, 1999	
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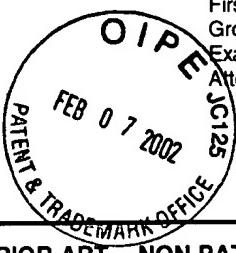
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AS		"No More Boring CPE," July 1997, Accounting Technology, pp. 27-35	
		Computer Dictionary, 1997, pp. 264, 276, 383, 446, 462, 507.	
		"Rule-Based Programming with OPS5" at www.mkp.com/books_catalog/O-934613-51-6.asp	
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Sheet _____ of _____

Application Number : 09/934,924

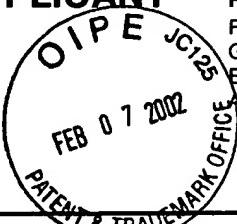
Filing Date: 08/22/2001

First Named Inventor: Beams

Group Art Unit: 2153

Examiner Name: n/a

Attorney Docket Number: 05222.00184



OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
AS		"Engines for Education" URL: http://www.ils.nwu.edu/~e_for_e/nodes/I-M-INTRO-ZOOMER-pg.html ; viewed Feb. 15, 1999.	
		"FinPlan System" at www.riai.org.ru/FinPlan/	
		"Enhancing Simulation Education with Intelligent Tutoring Systems," Proc. Of the 1996 Winter Simulation Conf., pp. 675-80, Dec. 1996	
		"Computer Aided Instruction for Statistics: A Knowledge-Based Systems Approach," Int'l J. of Computers in Adult Education and Training, Vol. 5(1), pp. 3-14.	
		"Teaching with the internet" 1998, JAI Press Inc., USA. Vol no. 3, pp 217-222	
		"Development of a Simulation-Based Intelligent Tutoring System for Assisting PID Control Learning," Jan. 1994, IEICE Transactions on Information and Systems, E77-D, No. 1, Tokyo Japan, pp. 108-17.	
V		"Authoring Intelligent Tutoring Systems: An Analysis of the State of the Art" at http://www.cs.umass.edu/~tmurray/papers/ATSummary/AuthTools.html	
AS		Multimedia Training "Get Lemonade, Not a Lemon!" June 1997, Journal for Quality and Participation, Vol. 20, No. 3, pp. 22-26	
AS		"SMART Evaluation: Cognitive Diagnosis, Mastery Learning & Remediation," Proc. Of 7th World Conf. On Artificial Intelligence in Education, pp. 123-30, Aug. 1995	
AS		"Decision Pro3.0" at www.vanguardsw.com/	

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John Muir

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Sheet _____ of _____

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AS		"A Fuzzy Logic-Based Intelligent Tutoring System," Information Processing 92, Vol. II, pp. 66-72, Dec. 1992.	
		"The SimQuest Authoring System for Simulation-Based Discovery Learning," Proc. Of 1997 World Conf. On Artificial Intelligence in Education, pp. 79-86, Dec. 1997	
		"A Browser-Based System to Support & Deliver DE," 28th Annual Frontiers in Education Conference, Conference Proceedings, Vol. 1, Nov. 4-7, 1998	
		"Goal-Based Scenarios and Business Training: A Conversation with Roger C. Schank," Educational Technology, Nov.-Dec. 1994	
		"Automate Your Business Plan" at www.business-plan.com/screen2.html	
		"Kiplinger TaxCut Press Releases" at http://www.taxcut.com/taxcut/98press_releases/pr98_nowshipping.html	
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		"Why Should the Teens Have All the Best Games? Management Skill with Oil, Health, Housing Games," Computergram Int'l, June 176, 1996	
		"Template Software Business Simulator, Chapter 8, August 1997	
AS		"Template Software Workflow Simulator, Chapter 8, June 1998	
AS		"Goal-Based Scenarios", Technical Report # 36, Northwestern University, The Institute for the Learning Sciences, December 1992, pp. 1-30	

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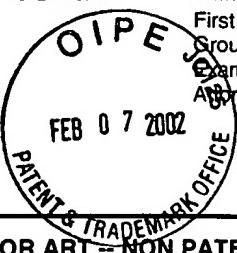
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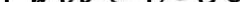
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AS		"Eight Goal-Based Scenario Tools", Technical Report # 67, Northwestern University, The Institute for the Learning Sciences, January 1996, pp. 1-37	
AS		"A Role for AI in Education: Using Technology to Reshape Education", Northwestern University, The Institute for the Learning Sciences, Journal of Artificial Intelligence in Education, Winter 1990, January 1990, pp. 1-24 and 2 pgs. of references	
		"The Design of Goal-Based Scenarios", Technical Report # 39, Northwestern University, The Institute for the Learning Sciences, March 1993, pp. 1-58	

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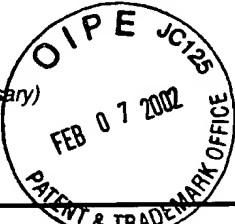
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AS		"Evaluating the effectiveness of feedback in SQL-tutor", IEEE, proc. Int. workshop IWALT, pp 143-144
		"Automated Exercise Progression in Simulation-Based Training," IEEE Trans. On Systems, Man, and Cybernetics, Vol. 24(6), pp. 863-74, June 1994
		"ACM Transactions on Information Systems," 1988 at www.acm.org/pubs/toc/Abstracts/tois/59298.html
		The Virtual Classroom: Great Expectations. Delivering Graduate Education by Computer: A Success Story 1996.
		"A Special Section -- Goal Based Scenarios: A New Approach to Professional Education: Reengineering Education at Andersen Consulting," Educational Technology, Nov.-Dec. 1994
		"Goal-Based Scenarios and the Problem of Situated Learning: A Commentary on Andersen Consulting's Design of Goal-Based Scenarios," Educational Technology, Nov.-Dec. 1994
		"DDD--A Free Graphical Front-End for UNIX Debuggers," Jan. 1996, ACM Sigplan Notices, Vol. 31, No. 1, pp. 22-27
		"Automated Training of Legal Reasoning" at http://www.bileta.ac.uk/94papers/muntjew.html
		"The Virtual Learning Environment System," 28th Annual Frontiers in Education Conference, Conference Proceedings, Vol. 2, Nov. 4-7, 1998
AS		"Developing a Design System into an Intelligent Tutoring System," Int'l J. Engr. Educ., Vol. 13(5), pp-341-46, Dec. 1997
AS		"CAPTOR a model for delivering web based intelligent tutoring system technology", IEEE Proc. DASC vol. 2, pp 5.C.4.1-5

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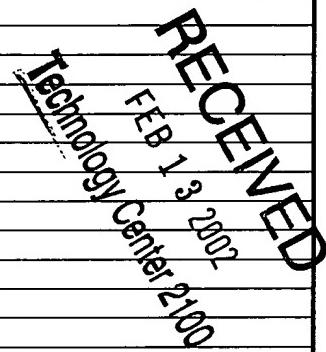
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U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
N S		US-5,395,243	03/07/1995	Lutbin, et al.	
		US-5,441,415	08/15/1995	Lee, et al.	
		US-5,491,743	02/13/1996	Shilo, et al.	
		US-5,533,903	07/09/1996	Kennedy	
		US-5,535,422	07/09/1996	Chang, et al.	
		US-5,537,141	07/16/1996	Harper, et al.	
		US-5,539,869	07/23/1996	Spoto, et al.	
		US-5,566,291	10/15/1996	Boulton, et al.	
		US-5,576,844	11/19/1996	Anderson, et al.	
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		US-5,597,312	01/28/1997	Bloom, et al.	
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		US-5,720,007	02/17/1998	Hekmatpour	
N S		US-5,727,161	03/10/1998	Purcell, Jr.	



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